

Comparisons of Job Characteristics

Focus Occupation: [Carpenters \(47-2031\)](#)

Associated Occupation: [Supervisors of Construction and Extraction Workers \(47-1011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Carpenters (47-2031)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Building and Construction	4.0	16.9	17.5	0	Current knowledge level may be sufficient
Mechanical	6.8	13.9	12.6	<	Expanded education and/or training may be required
Administration and Management	8.4	12.8	10.2	<	Expanded education and/or training may be required
Mathematics	9.2	12.8	12.8	0	Current knowledge level may be sufficient
Design	5.2	10.9	12.2	>	Current knowledge level is likely sufficient
Engineering and Technology	5.7	10.6	7.9	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	10.2	8.6	<	Expanded education and/or training may be required
Personnel and Human Resources	5.6	8.6	5.5	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 71

Focus Occupation: Carpenters (47-2031)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Coordination	9.1	12.2	9.4	<<	Extensive development of skills in this area may be required
Management of Personnel Resources	6.9	11.6	6.5	<<	Extensive development of skills in this area may be required
Time Management	8.9	11.2	8.0	<<	Extensive development of skills in this area may be required

Persuasion	7.4	9.6	6.2	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	6.9	5.9	<	A higher skill level may be required
Management of Material Resources	3.7	5.6	4.3	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 57				
Focus Occupation: Carpenters (47-2031)						
Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)						
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation		
Oral Comprehension	12.5	13.4	10.2	<<	Extensive improvement in abilities may be required	
Oral Expression	12.4	13.3	9.4	<<	Extensive improvement in abilities may be required	
Problem Sensitivity	11.1	12.1	10.4	<	Some improvement in abilities may be required	
Deductive Reasoning	10.6	11.2	9.7	<	Some improvement in abilities may be required	
Near Vision	11.1	11.0	11.0	0	Current ability level may be sufficient	
Written Comprehension	11.0	10.7	8.2	<<	Extensive improvement in abilities may be required	
Written Expression	9.8	10.6	6.7	<<	Extensive improvement in abilities may be required	
Inductive Reasoning	10.2	10.4	8.8	<	Some improvement in abilities may be required	
Visualization	7.5	9.8	11.3	>	Current ability level is likely sufficient	
Number Facility	6.3	8.2	7.7	0	Current ability level may be sufficient	
Time Sharing	6.6	7.9	6.8	<	Some improvement in abilities may be required	

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 56
Focus Occupation: Carpenters (47-2031) Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)		
Work Activities	Exclusivity of Activity	
Direct and coordinate activities of workers or staff	3	
Order or purchase supplies, materials, or equipment	35	
Perform safety inspections in construction or resource extraction setting	46	
Prepare reports	8	

Read blueprints	10
Read specifications	23
Read tape measure	41
Read technical drawings	7
Understand construction specifications	53
Use hand or power tools	2

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 81

Focus Occupation: Carpenters (47-2031)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Tools and Technologies	Exclusivity
Business function specific software	1
Calculating machines and accessories	3
Compressors	9
Computers	1
Content authoring and editing software	1
Cutting and crimping and punching tools	3
Data management and query software	1
Dispensing tools	6
Face and head protection	7
Fall protection	16
Forming tools	2
Holding and clamping tools	3
Humidity and moisture measuring instruments	15
Indicating and recording instruments	2
Industry specific software	1
Ladders and scaffolding	6
Land surveying instruments	19
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Machinery for working wood and stone and ceramic and the like	12
Marking tools	11
Measuring and layout tools	3
Power generators	16
Power tools	2
Prying and bending tools	10
Respiratory protection	6
Rough and finishing tools	5
Tool attachments and accessories	12
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.